

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

The drawings filed (insert date) _____, are

A. ☒ not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

- ___ Not black solid lines. Fig(s) _____
___ Color drawings are not acceptable until petition is granted.
Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☒ Photographs are not acceptable until petition is granted.
Fig(s) _____

- ___ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
___ Poor quality (half-tone). Fig(s) _____

3. GRAPHIC FORMS. 37 CFR 1.84(d)

- ___ Chemical or mathematical formula not labeled as separate figure.
Fig(s) _____
___ Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis.
Fig(s) _____
___ Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s) _____

4. TYPE OF PAPER. 37 CFR 1.84(c)

- ___ Paper not flexible, strong, white, smooth, nonshiny, and durable.
Sheet(s) _____
___ Erasures, alterations, overwritings, interlineations, cracks, creases, and folds copy machine marks not accepted. Fig(s) _____
___ Mylar, velum paper is not acceptable (too thin). Fig(s) _____

5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

- 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
21.0 cm. by 29.7 cm. (DIN size A4)

- ___ All drawing sheets not the same size. Sheet(s) _____
___ Drawing sheet not an acceptable size. Sheet(s) _____

6. MARGINS. 37 CFR 1.84(g): Acceptable margins:**Paper size**

21.6 cm. X 35.6 cm.	21.6 cm. X 33.1 cm.	21.6 cm. X 27.9 cm.	21.0 cm. X 29.7 cm.
(8 1/2 X 14 inches)	(8 1/2 X 13 inches)	(8 1/2 X 11 inches)	(DIN Size A4)
T 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm.
L .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	2.5 cm.
R .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.5 cm.
B .64 cm. (1/4")	.64 cm. (1/4")	.64 cm. (1/4")	1.0 cm.

Margins do not conform to chart above.

Sheet(s) _____

___ Top (T) ___ Left (L) ___ Right (R) ___ Bottom (B)

7. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

- ___ All views not grouped together. Fig(s) _____
___ Views connected by projection lines or lead lines.
Fig(s) _____
___ Partial views. 37 CFR 1.84(h) 2

☒ View and enlarged view not labeled separately or properly.

Fig(s) 2-16

Sectional views. 37 CFR 1.84 (h) 3

___ Hatching not indicated for sectional portions of an object.

Fig(s) _____

___ Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

___ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

___ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

___ Indication such as "actual size" or scale 1/2" not permitted.
Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

___ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings).
Fig(s) _____

11. SHADING. 37 CFR 1.84(m)

___ Solid black shading areas not permitted.

Fig(s) _____

___ Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

___ Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(l) Fig(s) _____

___ Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(l) Fig(s) _____

___ English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s) _____

___ Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3)

Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

___ Lead lines cross each other. Fig(s) _____

___ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

___ Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____

15. NUMBER OF VIEWS. 37 CFR 1.84(u)

___ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

___ View numbers not preceded by the abbreviation Fig.

Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

___ Corrections not made from prior PTO-948.

Fig(s) _____

17. DESIGN DRAWING. 37 CFR 1.152

___ Surface shading shown not appropriate. Fig(s) _____

___ Solid black shading not used for color contrast.

Fig(s) _____

COMMENTS:

ATTACHMENT TO PAPER NO. _____

VIEWER

DATE 7/2/97

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.